What is claimed is:

1. A glass substrate for an information recording medium, the glass substrate having a surface having a center-line average roughness ratio, Rab/Raf, of 0.8 to 1, in which Raf is a center-line average roughness measured after the glass substrate is held in water having a temperature of 80°C for 24 hours and Rab is a center-line average roughness Rab measured before the holding, and the glass substrate having a Young's modulus of 90 GPa or more.

2. The glass substrate for an information recording medium as recited in claim 1, which has a glass composition consisting essentially of SiO_2, Al_2O_3, Li_2O, Na_2O, MgO, CaO, TiO_2 and ZrO_2.

3. The glass substrate for an information recording medium as recited in claim 2, wherein the glass composition contains, by mol%, more than 50 % but not more than 70 % of SiO_2, at least 1 % but less than 6 % of Al_2O_3, more than 12 % but not more than 25 % of Li_2O, at least 1 % but less than 3 % of Na_2O, 0 to less than 15 % of MgO, 1 to 30 % of CaO, more than 0.1 % but less than 5 % of TiO_2, and more than 3 % but not more than 10 % of ZrO_2.

4. The glass substrate for an information recording medium as recited in any one of claims 1 to 3, which is chemically strengthened.

5. The glass substrate for an information recording medium as recited in any one of claims 1 to 4, which has an average linear expansion coefficient, measured at 100 to 300°C, of at least 80 x 10^{-7}/°C.

6. An information recording medium comprising an information recording layer formed on the glass substrate recited in any one of claims 1 to 5.